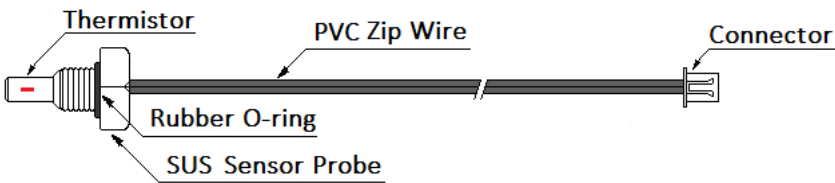


USC Series



FEATURES

- High stability and best price.
- The **UCS** Series thermistors is a thermistor sensor in a DO 35 package. It is highly reliable and offer a wide operating range of -50℃ to 250℃.
- They can be employed for home electric appliances and high temperature applications.
- Excellent thermal cycle endurance.
- Glass sealed body for high reliability.

SPECIFICATIONS

Temperature rating	-40℃ to 250℃	B value :	3470K ~4200K
		Determined by rated zero-power	
		Resistance at 25℃ and 85℃	
R25			
Rated zero-power	3 K ohms 5 K ohms		
Resistance value at 25℃	10 K ohms 50 K ohms 100 K ohms 150 K ohms 200 K ohms	Tolerance	±1% ±3% ±5%
		Dissipation constant	Min. 2.4mW/℃
		Thermal time constant	Max 15 seconds in still air.
		Maximum power Rating	250mw at 25℃
Tolerance	±1% ±2% ±3%		

Order Map	USC	-	103		-				-				
	Series Code		Res. value		Res. Tolerance		Leads Gauge		Lengths		B value		
	Temperature Sensor		at 25℃ thermistor 10 x 3 Ω		F : 1% H : 3% J : 5%		AWG Number		Exp; 400: 400 mm		25℃/85℃		